



## HelloDevice Pro Series PS100

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### 1. Connection

1) Hook up the power cable to the HelloDevice PS100.

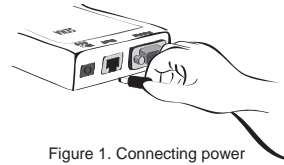


Figure 1. Connecting power

2) Hook up the Ethernet cable to the RJ45 connector of HelloDevice PS100 with your hub or switch.

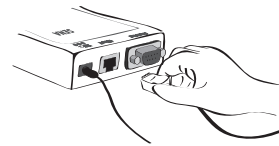


Figure 2. Connecting Ethernet cable

3) Hook up the RS232 serial cable between HelloDevice PS100 and your serial device.  
(See Table 1 for pin assignments)

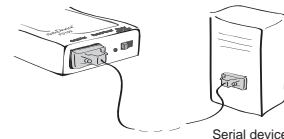
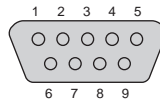


Figure 3. Connecting serial device

4) Turn on the power switch of the PS100.

5) Confirm the PWR LED lights up.

6) Confirm the LI NK LED lights up and ACT LED is blinking.



Pin	RS232	RS422	RS485
1		Tx-	Data-
2	Rx		
3	Tx	Rx-	
4	DTR	Rx+	
5	GND		
6	DSR		
7	RTS		
8	CTS		
9		Tx+	Data+

Table1. DB9 Pin assignments

### 2. Log-in to serial console

1) Connect a null-modem serial cable between your computer and the console port of HelloDevice PS100 .

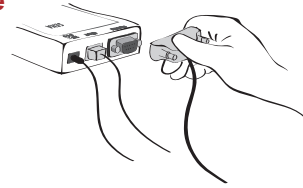


Figure 4. Connecting console cable

2) Run a terminal emulation program such as HyperTerminal and set up the serial configuration parameters as follows:  
Baud rate = 9600, Data bits = 8, Parity = None,  
Stop bits = 1, Flow control = None

3) Press ENTER key at the terminal emulation program.

4) Enter the user name and password. Factory default settings of the user name and password are both admin.

```

Welcome to PS-100 Configuration
Press Enter
Login : admin
Password : *****
  
```

```

-----
Welcome to PS-100 configuration page
Current time : 2002/ 3/ 5 12: 4: 30
Serial No. : PS100-020200001  MAC Address : 00-01-95-04-0d-8f
F/W REV. : V1.00  UP time : 0 Days 0: 10: 59
IP mode : DHCP  IP Address : 192.168.12.4
  
```

```

-----
Select menu
1. IP Configuration
2. Serial port configuration
3. System Status & log
4. System administration
5. Advanced options
6. System tools
7. Save change
8. Exit without reboot
9. Exit and reboot
<ESC> Back, <ENTER> Refresh
----->
  
```

### 3. Assign IP address

Factory default IP mode setting of the PS100 is DHCP. If you are using DHCP servers for your network environments, skip this chapter.

- 1) Select menu 1. IP Configuration at the main menu.
- 2) Select submenu 1. IP mode. Change IP mode to static IP.
- 3) Select submenu 2~6 to set IP configuration parameters according to your network environment, i.e. IP address, Subnet mask, Default gateway, Primary DNS, Secondary DNS.
- 4) Return to the main menu by press ESC key.

```
-----  
IP configuration  
-----
```

```
Select menu  
1. IP mode : DHCP  
<ESC> Back, <ENTER> Refresh  
-----> 1  
Select mode (1 = Static IP, 2 = DHCP, 3 = PPPoE)  
-----> 1  
-----
```

```
IP configuration  
-----
```

```
Select menu  
1. IP mode : static IP  
2. IP address : 192.168.12.4  
3. Subnet mask : 255.255.0.0  
4. Default gateway : 192.168.1.1  
5. Primary DNS : 211.172.129.198  
6. Secondary DNS : 211.172.129.199  
<ESC> Back, <ENTER> Refresh  
----->
```

### 4. Serial port(s) configuration

- 1) Select the menu 2. Serial port configuration at the main menu.
- 2) Select the serial port that will be hooked up with your serial device.
- 3) Select the submenu 1. Host mode configuration, and set up the host mode parameters according to your application.

- 4) Select the submenu 2. UART, and set up the parameters as same as those of your serial device.
- 5) Return to the main menu by press ESC key.

```
-----  
Serial configuration  
-----  
Port# Mde Port Destination Type Settings Flow  
1 TCP s 6000 N/A RS232 9600-N-8-1 RTS/CTS  
-----  
Select menu  
1. port#1 settings  
-----  
<ESC> Back, <ENTER> Refresh  
-----> 1  
-----  
Serial configuration --> port #1  
-----  
Select menu  
1. Host mode configuration  
2. UART Configuration  
3. Cryptography Configuration  
4. Option  
<ESC> Back, <ENTER> Refresh  
----->
```

### 5. Apply changes

- 1) After finishing the serial port(s) configuration, return to the main menu by pressing ESC key several times.
- 2) Save changed values by selecting menu 7. Save changes at the main menu.
- 3) Reboot the HelloDevice PS100 by selecting menu 9. Exit and reboot.

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# HelloDevice Pro Series PS200

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## 1. Connection

1) Hook up the power to the HelloDevice PS200.

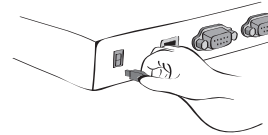


Figure 1. Connecting power

2) Hook up the Ethernet cable to the RJ45 connector of the HelloDevice PS200 with your hub or switch.

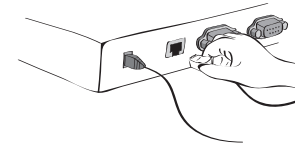


Figure 2. Connecting Ethernet cable

3) Hook up the RS232 serial cable between the HelloDevice PS200 and your serial device.  
(See Table 1 for pin assignments)

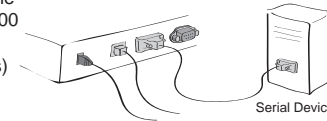
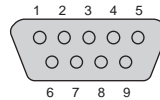


Figure 3. Connecting serial device

4) Turn on the power switch on the front panel.

5) Confirm the Power LED lights up on the front panel.

6) Confirm the Link LED lights up and Act LED is blinking on the front panel.



Pin	RS232	RS422	RS485
1		Tx-	Data-
2	Rx		
3	Tx	Rx-	
4	DTR	Rx+	
5	GND		
6	DSR		
7	RTS		
8	CTS		
9		Tx+	Data+

Table1. DB9 Pin assignments

## 2. Log-in to serial console

1) Connect a null-modem serial cable between your computer and the console port of the HelloDevice PS200 on the front panel.

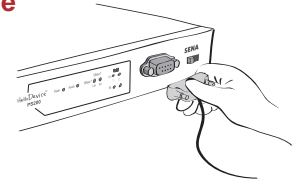


Figure 4. Connecting console cable

2) Run a terminal emulation program such as HyperTerminal and set up the serial configuration parameters as follows:  
Baud rate = 9600, Data bits = 8, Parity = None,  
Stop bits = 1, Flow control = Hardware (RTS/CTS)

3) Press ENTER key at the terminal emulation program.

4) Enter the user name and password. Factory default settings of the user name and password are both admin.

```
Logi n : admi n
Pas swor d : *****
```

```
-----
Wel come to PS-200 configuration page
Current time : 2002/06/10 11:46:42
Serial No. : PS200-020200028      MAC Address : 00-01-95-04-13-80
F/W REV. : V1.2.7                UP time : 0 Days 00:02:10
IP mode : DHCP                   IP Address : 192.168.0.152
-----
```

```
Conso le#1 (Serial) : Connected
Conso le#2 (Telnet) : Availabl e (NULL)
Conso le#3 (Telnet) : Availabl e (NULL)
Conso le#4 (Telnet) : Availabl e (NULL)
-----
```

```
Select menu
1. IP Configuration
2. Serial port configuration
3. System Status & log
4. System administration
5. Advanced options
6. System tools
7. Save changes
8. Exit without reboot
9. Exit and reboot
<ESC> Back, <ENTER> Refresh
----->
```

### 3. Assign IP address

Factory default IP mode setting of the PS200 is DHCP. If you are using DHCP servers for your network environments, skip this chapter.

- 1) Select menu 1. IP Configuration at the main menu.
- 2) Select submenu 1. IP mode. Change IP mode to static IP.
- 3) Select submenu 2~6 to set IP configuration parameters according to your network environment, i.e. IP address, Subnet mask, Default gateway, Primary DNS, Secondary DNS.
- 4) Return to the main menu by press ESC key.

```
-----
IP configuration
-----
Select menu
1. IP mode : DHCP
<ESC> Back, <ENTER> Refresh
-----> 1
Select mode (1 = Static IP, 2 = DHCP, 3 = PPPoE)
-----> 1
-----
IP configuration
-----
Select menu
1. IP mode : static IP
2. IP address : 192.168.12.4
3. Subnet mask : 255.255.0.0
4. Default gateway : 192.168.1.1
5. Primary DNS : 211.172.129.198
6. Secondary DNS : 211.172.129.199
<ESC> Back, <ENTER> Refresh
----->
```

### 4. Serial port(s) configuration

- 1) Select the menu 2. Serial port configuration at the main menu.
- 2) Select the serial port that will be hooked up with your serial device.
- 3) Select the submenu 1. Host mode configuration, and set up the host mode parameters according to your application.

4) Select the submenu 2. UART, and set up the parameters as same as those of your serial device.

5) Return to the main menu by press ESC key.

```
-----
Serial configuration
-----
Port# Mde Port Destination Type Settings Flow
1 TCP s 6000 N/A RS232 9600-N-8-1 RTS/CTS
2 TCP s 6001 N/A RS232 9600-N-8-1 RTS/CTS
-----
Select menu
1. port#1 settings
2. port#2 settings
<ESC> Back, <ENTER> Refresh
-----> 1
-----
Serial configuration --> port #1
-----
Select menu
1. Host mode configuration
2. UART Configuration
3. Cryptography Configuration
4. Option
<ESC> Back, <ENTER> Refresh
----->
```

### 5. Apply changes

- 1) After finishing the serial port(s) configuration, return to the main menu by pressing ESC key several times.
- 2) Save changed values by selecting menu 7. Save changes at the main menu.
- 3) Reboot the HelloDevice PS200 by selecting menu 9. Exit and reboot.

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## HelloDevice Pro Series PS400

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### 1. Connection

- 1) Hook up the power cable to the HelloDevice PS400.

*Note:* 7.5V ~ 30V DC power adapter is provided for HelloDevice PS400. If you wish to use optional Power Terminal Block, refer to the User's manual.

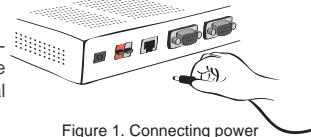


Figure 1. Connecting power

- 2) Hook up the Ethernet cable to the RJ45 connector of HelloDevice PS400 with your hub or switch.



Figure 2. Connecting Ethernet cable

- 3) Hook up the RS232 serial cable between HelloDevice PS400 and your serial device. (See Table 1 for pin assignments)

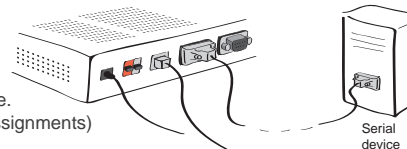
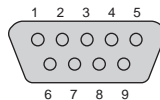


Figure 3. Connecting serial device

- 4) Turn on the power switch on the PS400 front panel.
- 5) Confirm the PWR LED lights up on the front panel.
- 6) Confirm the LINK LED lights up and ACT LED is blinking on the front panel.



Pin	RS232	RS422	RS485
1		Tx-	Data-
2	Rx		
3	Tx	Rx-	
4	DTR	Rx+	
5	GND		
6	DSR		
7	RTS		
8	CTS		
9		Tx+	Data+

Table1. DB9 Pin assignments

### 2. Log-in to serial console

- 1) Connect a null-modem serial cable between your computer and the console port of HelloDevice PS400 on the front panel.

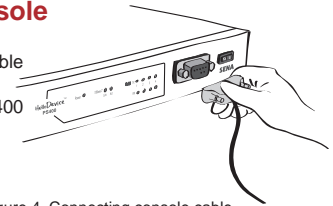


Figure 4. Connecting console cable

- 2) Run a terminal emulation program such as HyperTerminal and set up the serial configuration parameters as follows:  
Baud rate = 9600, Data bits = 8, Parity = None, Stop bits = 1, Flow control = Hardware (RTS/CTS)
- 3) Press ENTER key at the terminal emulation program.
- 4) Enter the user name and password. Factory default settings of the user name and password are both admin.

```
Welcome to PS-400 Configuration
Press Enter
Login : admin
Password : *****
```

```
-----
Welcome to PS-400 configuration page
Current time : 2002/ 3/ 5 12: 4: 30
Serial No. : PS400-020200001 MAC Address : 00-01-95-04-0d-8f
F/W REV. : V1.00 UP time : 0 Days 0: 10: 59
IP mode : DHCP IP Address : 192.168.12.4
-----
```

```
Select menu
1. IP Configuration
2. Serial port configuration
3. System Status & log
4. System administration
5. Advanced options
6. System tools
7. Save change
8. Exit without reboot
9. Exit and reboot
<ESC> Back, <ENTER> Refresh
----->
```

### 3. Assign IP address

Factory default IP mode setting of the PS400 is DHCP. If you are using DHCP servers for your network environments, skip this chapter.

- 1) Select menu 1. IP Configuration at the main menu.
- 2) Select submenu 1. IP mode. Change IP mode to static IP.
- 3) Select submenu 2~6 to set IP configuration parameters according to your network environment, i.e. IP address, Subnet mask, Default gateway, Primary DNS, Secondary DNS.
- 4) Return to the main menu by press ESC key.

```
-----  
IP configuration  
-----
```

```
Select menu  
1. IP mode : DHCP  
<ESC> Back, <ENTER> Refresh  
-----> 1  
Select mode (1 = Static IP, 2 = DHCP, 3 = PPPoE)  
-----> 1  
-----
```

```
IP configuration  
-----
```

```
Select menu  
1. IP mode : static IP  
2. IP address : 192.168.12.4  
3. Subnet mask : 255.255.0.0  
4. Default gateway : 192.168.1.1  
5. Primary DNS : 211.172.129.198  
6. Secondary DNS : 211.172.129.199  
<ESC> Back, <ENTER> Refresh  
----->
```

### 4. Serial port(s) configuration

- 1) Select the menu 2. Serial port configuration at the main menu.
- 2) Select the serial port that will be hooked up with your serial device.
- 3) Select the submenu 1. Host mode configuration, and set up the host mode parameters according to your application.

- 4) Select the submenu 2. UART, and set up the parameters as same as those of your serial device.

- 5) Return to the main menu by press ESC key.

```
-----  
Serial configuration  
-----
```

Port#	Mode	Port	Destination	Type	Settings	Flow
1	TCP s	6000	N/A	RS232	9600-N-8-1	RTS/CTS
2	TCP s	6001	N/A	RS232	9600-N-8-1	RTS/CTS
3	TCP s	6002	N/A	RS232	9600-N-8-1	RTS/CTS
4	TCP s	6003	N/A	RS232	9600-N-8-1	RTS/CTS

```
Select menu  
1. port#1 settings  
2. port#2 settings  
3. port#3 settings  
4. port#4 settings  
<ESC> Back, <ENTER> Refresh  
-----> 1  
-----
```

```
Serial configuration --> port #1  
-----
```

```
Select menu  
1. Host mode configuration  
2. UART Configuration  
3. Cryptography Configuration  
4. Option  
<ESC> Back, <ENTER> Refresh  
----->
```

### 5. Apply changes

- 1) After finishing the serial port(s) configuration, return to the main menu by pressing ESC key several times.
- 2) Save changed values by selecting menu 7. Save changes at the main menu.
- 3) Reboot the HelloDevice PS400 by selecting menu 9. Exit and reboot.

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